

[RAID STORAGE DEVICE]

Abstract

An redundant array of independent disks (RAID) storage device is provided. The RAID comprises M number of storage devices, and the storage blocks of the same J -column in each storage device comprises complete stripe blocks and at least a plurality of partially complete stripe blocks. Inside the same stripe block, the total number of the storage blocks (L) is smaller than the number of the storage device (M), and the quantity of the storage blocks (M) is not multiple of storage blocks (L).